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L1: Entry 2 of 3

File: DWPI

Nov 27, 1997

DERWENT-ACC-NO: 1998-330861

DERWENT-WEEK: 199829

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TITLE: Butyl rubber synthesis polymeriser - has vertical cylindrical body, shaft with blade mixers and bundles of heat exchange tubes separated into sections with tube plates and tube partitions

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PATENT-ASSIGNEE:

ASSIGNEE

CODE

YARSINTEZ RES PRODN ENTERP STOCK CO

YARSR

PRIORITY-DATA: 1996RU-0109726 (May 14, 1996)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☐ RU 2097122 C1

November 27, 1997

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APPLICATION-DATA:

PUB-NO

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DESCRIPTOR

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INT-CL (IPC): B01 J 19/18

ABSTRACTED-PUB-NO: RU 2097122C

BASIC-ABSTRACT:

Polymeriser comprises the vertical cylindrical body (1) with the branch-pipes supplying the charge (9) and the catalyst (10) in the lower part and the reaction mass outlet (11) in the upper part. The shaft (2) with the blade mixers (3-5) is placed inside the body (1) along the axis. The blade mixers (3) are arranged along the body (1) height. The heat exchange tube (6) bundles separated into sections and equipped with the tube disks (7) and the tube partitions (8) are placed along the body (1) periphery. The bundle lower tube plates are arranged at the lower mixer level and the tube partitions are located - at the level of the higher positioned mixers. The tube partitions (8) have openings in the gaps between sections. The catalyst inlet branch-pipe is equipped with the catalyst inlet pipe (12) whose open face is placed in the ring space between the bundles and the second mixer. The catalyst inlet pipe (12) is positioned at an angle to the body (1) axis.

USE - For carrying-out polymerisation processes in solution or suspension.

ADVANTAGE - Polymeriser efficiency is increased and the polymer quality is improved.

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: BUTYL RUBBER SYNTHESIS POLYMERISE VERTICAL CYLINDER BODY SHAFT BLADE
MIX BUNDLE HEAT EXCHANGE TUBE SEPARATE SECTION TUBE PLATE TUBE PARTITION

DERWENT-CLASS: A17

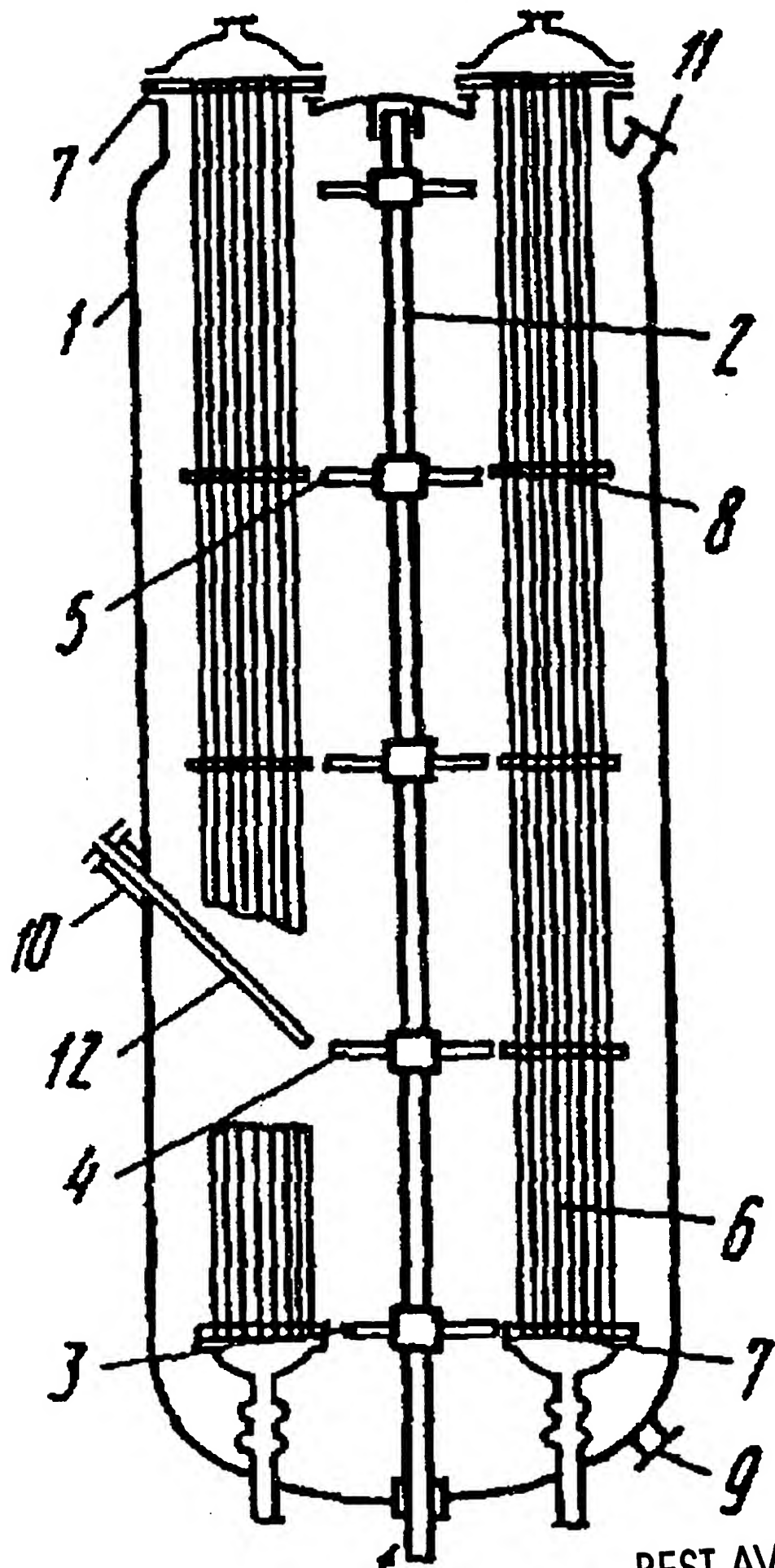
CPI-CODES: A04-G05A; A10-B04; A10-B05;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53
D58 D84 ; R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85 ; H0124*R ;
H0011*R ; L9999 L2528 L2506 ; L9999 L2664 L2506 ; L9999 L2675 L2506 ; P1150 ; P0328
Polymer Index [1.2] 018 ; ND05 ; K9416 ; N9999 N6360 N6337 ; N9999 N6359 N6337 ;
N9999 N6439 ; B9999 B4535 ; J9999 J2971 J2915 Polymer Index [1.3] 018 ; C999
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